



16711 U.S.PTO  
031004

Patent  
Attorney's Docket No. 03-4029

16834 U.S.PTO  
10/767849



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER**

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed for filing is the utility patent application of Brig Barnum Elliott for AUTHENTICATION IN A QUANTUM CRYPTOGRAPHIC SYSTEM.

Also enclosed are:

- Ten sheet(s) of  formal  informal drawing(s);
- claim for foreign priority under 35 U.S.C. §§ 119 and/or 365 is  hereby made to \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_;
- in the declaration;
- a certified copy of the priority document;
- a General Authorization for Petitions for Extensions of Time and Payment of Fees;
- applicant(s) is/are entitled to Small Entity Status;
- an Assignment document and Assignment Recordation Cover Sheet;
- an Information Disclosure Statement and PTO-1449;
- A Request for Non-Publication is enclosed; and
- Other: \_\_\_\_\_;
- An  executed  unexecuted declaration of the inventor(s)
  - also is enclosed  will follow.
- Please amend the specification by inserting before the first line the sentence -- This application claims priority under 35 U.S.C. §§ 119 and/or 365 to \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_; the entire content of which is hereby incorporated by reference.--
- A bibliographic data entry sheet is enclosed.

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The filing fee has been calculated as follows  and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee					\$770.00
Total Claims	42	Minus 20 =	22	x \$18.00 =	\$396.00
Ind. Claims	6	Minus 3 =	3	x \$ 86.00 =	\$258.00
If multiple dependent claims are presented, add \$280.00					\$0.00
Total Application Fee					\$1,424.00
If Small entity status is claimed, subtract 50% of Total Application Fee					\$0.00
Add Assignment Recording Fee if Assignment document is enclosed					\$40.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$1,464.00</b>

This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

A check in the amount of \$ \_\_\_\_\_ is enclosed for the fee due.

A check in the amount of \$ 40.00 (Assignment Recordation fee) is enclosed for the fee due.

Charge \$ 1,464.00 to Deposit Account No. 07-2347 for the fee due.

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The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 07-2347. This paper is submitted in duplicate.

Respectfully submitted,

By:   
Joel Wall  
Reg. No. 25,648

Verizon Corporate Services Group  
600 Hidden Ridge Drive  
Mail Code: HQE03H14  
Irving, Texas 75038  
(972) 718-4800  
Customer Number: 32127

Date: March 10, 2004

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s):

Docket No.

03-4029

Serial No.  
unassignedFiling Date  
March 10, 2004Examiner  
unassignedGroup Art Unit  
unassigned

Invention:

**AUTHENTICATION IN A QUANTUM CRYPTOGRAPHIC NETWORK**

I hereby certify that the following correspondence:

**Utility application along with accompanying documentation as outlined in transmittal letter.***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 10, 2004*(Date)*Christian R. Andersen*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV 373627253 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Brig Barnum Elliott ) Group Art Unit: Unassigned  
Application No.: Unassigned ) Examiner: Unassigned  
Filed: )  
For: AUTHENTICATION IN A QUANTUM )  
CRYPTOGRAPHIC SYSTEM )

**REQUEST FOR NON-PUBLICATION OF APPLICATION AND  
CERTIFICATION UNDER 35 U.S.C. §122 (b)(2)(B)(i)**

M.S. Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

As an authorized agent of the above-identified applicant(s), the undersigned attorney hereby certifies that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. §122(b).

I further understand that this non-publication request may be rescinded at any time and if so, the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

Request for Non-Publication of Application  
Application Serial No. Unassigned  
Attorney's Docket No. 03-4029  
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I further understand that if applicant(s) subsequently file(s) an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the United States Patent and Trademark Office must be notified of such filing within forty-five (45) days after the date of the filing of such foreign or international application. I also understand that failure by applicant(s) to so notify the Patent and Trademark Office will result in abandonment of this application.

Respectfully submitted,

By: \_\_\_\_\_

Joel Wall  
Reg. No. 25,648

Verizon Corporate Services Group Inc.  
600 Hidden Ridge Drive  
Mail Code: HQE03H14  
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